

Critical Area Planting



Oklahoma Conservation Practice Job Sheet

SEPTEMBER 2015

Landowner _____



WHAT IS CRITICAL AREA PLANTING

Critical Area Planting is establishing permanent vegetation on sites that have, or are expected to have, high erosion rates, and on sites that have physical, chemical or biological conditions that prevent the establishment of vegetation with normal practices.

PURPOSE

Stabilize stream and channel banks, and shorelines.

Stabilize areas with existing or expected high rates of soil erosion by wind or water.

Rehabilitate and revegetate degraded sites that cannot be stabilized using normal establishment techniques.

Stabilize coastal areas, such as sand dunes and riparian areas.

HOW IT HELPS THE LAND

Critical Area Planting provides corrective treatment to eroded areas, reducing the erosion on the area and improving the soils natural

abilities to protect itself from the erosive forces of nature. Conservation practices help improve the condition of the specific site while also offering numerous offsite benefits from the practices applied and maintained.

WHERE THE PRACTICE APPLIES

This practice applies to highly disturbed areas, such as: active or abandoned mined lands; urban conservation sites; road construction areas; conservation practice construction sites; eroded banks of natural and constructed channels and lake shorelines; areas needing stabilization before or after natural disasters, such as floods, hurricanes, tornados and wildfires; and other areas degraded by human activities or natural events.

WHERE TO GET HELP

For assistance with critical area treatment, contact your local Natural Resources Conservation Service or your local Conservation District office.

Critical Area Planting– Job Sheet

Landowner _____ Field number _____

Purpose (check all that apply)	
<input type="checkbox"/> Stabilize Stream and banks, and shorelines	<input type="checkbox"/> Other: Explain
<input type="checkbox"/> Stabilize areas with existing or expected high rates of soil erosion by wind or water	
<input type="checkbox"/> Rehabilitate and revegetate degraded sites that cannot be stabilized using normal establishment techniques.	

Layout	Area 1	Area 2	Area 3	Area 4
Area (acres)				
Site Preparation				
Species or Mix				
Seeding rate (pure live seed – lbs/acre)				
Planting Dates				
Seed or Plant Source (as needed)				
Mulch				
Supplemental Watering				
Lime (tons/acre)				
N (lbs/acre)				
P ₂ O ₅ (lbs/acre)				
K ₂ O (lbs/acre)				
Additional Considerations (ex. Topsoil requirements, supplemental watering, protection of planting)				

Site Preparation
Prepare a firm seedbed. Apply lime and fertilizer as indicated by soil testing. Additional requirements:

Planting Method

Drill grass and legume seed _____ inches deep uniformly over area. Establish vegetation according to the specified seeding rate.
Additional requirements:

Operation and Maintenance

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